

Please amend the specification as follows:

Please replace the paragraph beginning at page 8, line 19 with the following rewritten paragraph:

Returning again to FIG. 2, the output signal from the adjustable pole element 220 is sent into the mixer 224. The mixer multiplies the signal from the adjustable pole element 220 by a sinusoidal signal supplied by the oscillator 227. The resulting radio frequency signal is then sent into a summer where it is added to the signal from the quadrature signal path. The quadrature signal path performs all of the same operations on the quadrature component of the input signal, $S_q(t)$, as the in-phase signal path performs on the in-phase component of the input signal, $S_i(t)$. That is the quadrature part of the signal from the feedback path, $S_{dq}(t)$, is subtracted from the quadrature part of the input signal $S_q(t)$. The resulting signal is then passed through the first interface circuit 209, the adjustable zero element 213, the second interface circuit 217 and the adjustable pole element 221 before being sent to the mixer 225. The adjustable zero element 213 and adjustable pole element 221 of the quadrature signal path 203 are substantially identical to the adjustable zero element 212 and adjustable pole element 220 of the in-phase signal path 202. The ~~mixer 224~~ mixer 225 multiplies the quadrature path signal from the adjustable pole element 221 by a sinusoidal signal from the oscillator 227 that has passed through a 90 degree phase shifter 228. After the signals from the in-phase and quadrature signal paths have been added together in the summer 229, the resulting signal is amplified by a power amplifier 231 to produce the output signal $S_o(t)$ that is transmitted using the antenna 233.

Please replace Table 1 on page 12 with the following rewritten table:

Loop Frequency Response Curve Number (FIG. 5)	Closed Loop Frequency Response Curve Number (FIG. 6)	Adj. Pole Coupled Resistor (kohms)	Adj. Zero Circuit Adj. Amp 305 Gain (dB)	Adj. Zero Baseband Location (kHz)
505	740 <u>610</u>	25	5	62.5
506	741 <u>611</u>	12.5	11	125
507	742 <u>612</u>	6.4	17	250
508	743 <u>613</u>	3.2	23	500

Table 1